REMARKS

This Response is submitted in response to the Final Office Action dated November 2, 2006 and further in response to the Advisory Action issued on March 8, 2007. Claims 1, 14-16, 18 and 24-25 have been amended. Claims 26-29 are newly added. A Request for Continued Examination ("RCE") is submitted herewith. No new matter is added.

35 U.S.C. §112 Rejections

As indicated in the Advisory Action, the rejections under 35 USC §112 with respect to enablement issues were withdrawn.

35 U.S.C. §102 Rejections

The Office Action rejects Claims 1, 3-8, 12-16, 18-20 and 22-25 under 35 U.S.C. § 102(c) as being anticipated by Suliman (US Patent Applicants No. 2001/0053980), and the Advisory Action maintained such rejections. Applicants respectfully disagree and traverse such rejections.

Applicants respectfully submit that independent Claims 1, 14-16 and 24-25 have been amended and the amendments traverse such rejections in the spirit of cooperation and expediting allowance of same. No new matter is added. Claim 1 now reads in part, "communication management means for managing a communication on said a home network system." The amendment is fully supported by the specification. For example, see the specification on page 14 stating in part, "a home network system configured in accordance with an embodiment of the present invention is formed of an IRD 2 and a DVCR 3."

The reference Suliman does not disclose or suggest a home network system, as is claimed and fully supported by the specification. The reference Suliman requires a connection to a global communications network. For example, see the reference Suliman in paragraph 11, stating "[t]he registration system is interconnected to a global communications network ... the term 'global communications network' refers to any globally accessible communications network, such as for example the World Wide Web." Requiring connection to a global communications network presents a number of different problems, for instance security and the lack of access to such a

10

global communications network by consumers. The claimed invention has no such limitation, and will work without a connection to a global communications network.

Claims 1, 14-16 and 24-25 have been further amended to traverse such rejections. Claim 1 now reads, in part, "software module acquiring means for acquiring, <u>directly</u> from said electronic apparatus, a software module used for writing and reading product history information which includes at least one of purchase information and repair information concerning said electronic apparatus, wherein said software module acquiring means <u>automatically</u> acquires said software module when said communication management means detect that said electronic apparatus is connected to said <u>home</u> network <u>system</u>." Claims 14-16 and 24-25 contain similar language. The amendments are fully supported by the specification.

For example, see the specification on pages 20-21 stating, in part, "A DCM Manager installs a DCM, a DVCRFCM, and a guarantee card FCM, which are discussed below, on each apparatus on the network ... [a]n event manager is used for generating an event and sending it to another software module when the status of the network changes, such as when a new apparatus is connected to or disconnected from the network. Accordingly, in the network using the HAVi, plug-and-play can be implemented. A registry stores or updates information concerning apparatuses ... and achieves interactivity between different types of apparatuses." See also figure 6, where the IRD (information processing apparatus) receives and installs the DCM, DVCRFCM and GUARANTEE CARD FCM (the software modules), from the DVCR (electronic apparatus).

The Office Action states that Suliman teaches "Software acquiring when detected connection to network," on page 5 paragraph 48. However, Suliman does not disclose or suggest an information processing apparatus acquiring *software* from an electronic apparatus when said electronic apparatus is connected to a network. Instead, Suliman discloses a user collecting registration information and submitting that information to a central repository over a network.

Additionally, even when referencing using a network enabled device, the reference Suliman discloses requiring the user to perform an action to obtain the product information before sending the information to a registry. For example, see Suliman on page 6 ¶61 stating, "This information, by way of example only, can be electronically communicated to the

producted registration database … A consumer **who scans a product bar-code with a WAP enabled cell phone or PDA** can then instantaneously (or at a later time) communicated the product information to the product registration database." The collection of data from the product is not done automatically upon the products introduction to a network system.

For at least the foregoing reason Applicants respectfully submit that Claims 1, 14-16 and 24-25, and Claims 3-8, 12-13, 18-20 and 22-23 that depend therefrom, are patentably distinguishable and in condition for allowance.

Additionally, Applicants respectfully submit that Claims 1, 14-16 and 24-25, and Claims 3-8, 12-13, 18-20 and 22-23 that depend therefrom, are distinguishable from the cited art based on reasons discussed above and at least in addition to the further reasons described below.

Applicants respectfully submit that the reference Suliman does not disclose or suggest all of the features of the claimed invention. For example, the Office Action states that "software installation/identifying that communicates between device and third party device," is disclosed by the reference Suliman on page 5 ¶¶ 54 & 61. Applicants respectfully disagree.

Claim 1 reads, in part, "software module installing means for identifying the software module acquired by said software module acquiring means, for installing said software module on said information processing apparatus and for uninstalling said software module on said information processing apparatus, wherein said software module installing means uninstalls said software module when said communication management means detect that said electronic apparatus is pulled out of said home network system." See also the specification on page 20 stating, "when an apparatus is disconnected from the network, the DCM manager uninstalls the DCM, the DVCRFCM, and the guarantee card FCM corresponding to the disconnected apparatus." Claims 14-16 and 24-25 contain similar limitations.

The reference Suliman on page 5 ¶¶ 54 & 61 does not suggest or disclose the uninstalling software modules after an electronic apparatus is removed from a system as is disclosed by the claimed invention. For at least the foregoing reasons, Applicants submit that Claims 1, 14-16 and 24-25, and Claims 3-8, 12-13, 18-20 and 22-23 that depend therefrom are patentably distinguishable and in condition for allowance.

New Claims

Claims 26-29 are newly added. Claim 26 reads, "An information processing apparatus according to claim 1, including stream management means for managing stream data and network resources, and for providing a network status." Claim 28 contains similar language and is dependent on Claim 16.

The new Claims are fully supported by the specification. For example, see the specification on page 21 stating in part, "A stream manager monitors and manages the flow of stream data (sequential data) … and enables real time transmission of the stream data. The stream manager also manages the connection between components of the apparatus and the connection between the apparatuses, and retains and opens network resources and also provides information of the connection state of the entire network. Additionally, the stream manager supports the re-connection of apparatuses after resetting the bus of the network."

Claim 27 reads, in part, "An information processing apparatus according to claim 1, including resource management means for managing device use rights." Claim 29 contains similar language and is dependent on Claim 16.

The new Claims are fully supported by the specification. For example, see the specification on page 21 stating, in part, "A resource manager monitors the network so as to handle a conflict problem for the right to use devices, manage scheduled events, such as events reserved in the connected apparatuses, and check whether there is no apparatus disconnected after being registered."

Other Amendments

Claim 4 is amended to correct a grammatical error. Claim 4 now reads, "wherein the product history information is read from said electronic apparatus based on ~~stored in said~~the software module." Applicants respectfully submit that the amendment was made for clarification reasons and further should not be deemed to disclaim and/or narrow the claim scope in view of same.

The Commissioner is hereby authorized to charge deposit account 02-1818 for any fees which are due and owing.

Respectfully submitted,

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